

Amend claim 20 as follows:

20. (amended) A process according to Claim 19, wherein the nitroxyl compound is a di-tert-nitroxyl compound.

Amend claim 22 as follows:

22. (amended) A process according to Claim 21, wherein the enzyme is a peroxidase, and the oxidizing agent is hydrogen peroxide.

Amend claim 24 as follows:

24. (amended) A process according to Claim 19, wherein the enzyme is a phytase or lipase.

Amend claim 25 as follows:

25. (amended) A process according to Claim 19, wherein the primary alcohol is in a carbohydrate.

Amend claim 26 as follows:

26. (amended) A process according to Claim 25, wherein the carbohydrate is an α -glucan or fructan or a carboxyl derivative obtained by further oxidation or by carboxyalkylation.

Amend claim 29 as follows:

29. (amended) A process according to Claim 19, wherein the primary alcohol is in a steroid compound.

Amend claim 30 as follows:

30. (amended) A process according to Claim 19, wherein the primary alcohol is in textile fibers.

Amend claim 31 as follows:

31. (amended) An oxidized carbohydrate, said carbohydrate being selected from the group consisting of disaccharides, oligosaccharides or polysaccharides of alpha-glucan, mannan, galactan, fructan, and chitin types, and carbohydrate glycosides, containing at least 1 cyclic monosaccharide chain group carrying a carbaldehyde group per 25 monosaccharide units and per average molecule, or a carboxyalkyl derivative obtained by further oxidation or carboxyalkylation thereof.

Amend claim 34 as follows:

34. (amended) A carbohydrate derivative according to Claim 31, in which the derivative of at least a part of the carbaldehyde groups has been converted to a group with the formula -CH=N-R or -CH₂-NHR, wherein R is hydrogen, hydroxyl, amino, or a group R¹, OR¹ or NHR¹, in which R¹ is C₁-C₂₀ alkyl, C₁-C₂₀ acyl, a carbohydrate residue, or group coupled with or capable of coupling with a carbohydrate residue.

Amend claim 35 as follows:

35. (amended) A carbohydrate derivative according to Claim 31, in which the derivative of at least a part of the carbaldehyde groups has been converted to a group with the formula $-\text{CH}(\text{OR}^3)-\text{O}-\text{CH}_2-\text{COOR}^2$ or $-\text{CH}(-\text{O}-\text{CH}_2-\text{COOR}^2)_2$, in which R^2 is hydrogen, a metal cation or an optionally substituted ammonium group, and R^3 is hydrogen or a direct bond to the oxygen atom of a dehydrogenated hydroxyl group of the carbohydrate.

Add the following new claims:

37. (new) A process according to claim 20, wherein said di-tert-nitroxyl compound is 2, 2, 6, 6-tetramethylpiperidin-1-oxyl (TEMPO).

38. (new) The process according to claim 22, wherein said peroxidase is horse radish, soy-bean, lignin peroxidase or myelo- or lacto-peroxidase.

39. (new) An oxidized carbohydrate, said carbohydrate being selected from disaccharides, oligosaccharides and polysaccharides of the beta-glucan types, containing at least 1 cyclic monosaccharide chain group carrying a carbaldehyde group per 25 monosaccharide units and per average molecule, or a chemical derivative thereof and further containing carboxymethyl groups.